Tripp Lite
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Model #: PDU3VSR10L2120

3-Phase Switched PDU, 5.7 kW, 24 208V outlets (21-C13, 3-C19) 10-ft. Cord, NEMA L21-20P 20A input connection

Highlights

- Switched 5.7kW 3 Phase 208V PDU; 70 in. / 178cm 0U vertical rackmount
- Reports voltage, frequency & load per-outlet or phase via ethernet interface
- Visual current meter; Toolless button-mount installation
- NEMA L21-20P 20A (3P+N+E) 208V 3 phase input; 10 ft. / 3m line cord
- 21 C13 & 3 C19 single phase switched outlets with cord retention brackets
- Temperature, humidity and contact closure monitoring options

Description

Tripp Lite 3 phase Switched PDU / Power Distribution Unit offers advanced network control and monitoring with the ability to turn on, turn off, recycle or lock-out power to each individual receptacle, monitor site electrical conditions and remotely monitor output power consumption per-phase or per-receptacle. PowerAlert interface supports remote control and custom notification of user-specified conditions via email, secure web, SNMP, Telnet or SSH interface. Individually switched outlets can be controlled in real-time to remotely reboot unresponsive network hardware, or be custom programmed for user-defined power-up and power-down sequences to ensure proper startup of interdependent IT systems and prevent inrush-related overloads as network equipment is first energized. Unused PDU outlets can be electronically locked off to prevent the connection of unauthorized hardware. PDU output current consumption in amps per-phase or per-receptacle can be displayed locally via visual meter or remotely via web/network interface to warn of potential overloads before critical IT mains or branch breakers trip.

Applications

Ideal for 3 phase network configurations in datacenters and heavily configured equipment racks

Package Includes

- Switched rackmount PDU with pre-installed mounting buttons
- Cord retention brackets
- Rack mounting brackets
- Owner's manual

Features

- 5.7kW 3 phase 208V Switched Power Distribution Unit / PDU with built-in web/network interface
- Attached NEMA L21-20P 20A (3P+N+E) 208V 3 phase input; 10 ft. / 3m cord
- 0U, 70 inch / 178cm vertical form factor
- 24 switched 208V outlets (21 C13, 3 C19) in 3 single phase load banks
- Supports power-on, power-off or reboot of each outlet on a real-time or programmable basis
- Enables reboot of locked equipment, custom power-on/power-off sequences, load-shedding of optional loads and disabling unused outlets
- Network interface provides PDU control and data regarding input voltage, per-outlet and per-phase load levels
- Digital display with scroll-buttons supports per-outlet or per-phase load levels, IP-address self-identification and 180 degree display rotation
- Supports user-specified alarm notification thresholds
- In-rack environmental reporting with optional ENVIROSENSE temperature / humidity sensor and rack access notification with up to 4 optional SRSWITCH door sensors
- DHCP/Manual configuration support
- 10/100 Mbps auto-sensing

- Real-time clock backup maintains the time of day and date even if the PDU is unpowered
- Tiered access privileges allow an administrator and a guest to login via web browser
- Alert notifications via email or SNMP traps offer immediate event notification
- Firmware upgrade ability supports future product enhancements
- Supports HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, Telnet, SSH, FTP, DHCP, BOOTP, NTP protocols
- Fully compatible with FREE PowerAlert Network Management System / NMS Software
- Included cord retention brackets
- Toolless mounting in button-mount compatible racks
- Nut-and-bolt mounting support for other racks

Specifications

OVERVIEW	
Model Type	Switched
PDU Type	Switched
OUTPUT	
Output Capacity Details	5.7kVA total; 9.2A per bank (balanced)
Frequency compatibility	60 Hz
Output nominal voltage	208V single phase
Outlet quantity / type	24 total - 21 C13 (7 per phase), 3 C19 (1 per phase)
Customized load management receptacles	Each outlet is individually controllable via remote interface
INPUT	
PDU Input Voltage	208
Recommended Electrical Service	208V 3 phase
Maximum Input Amps (A)	16
Input connection type	NEMA L21-20P 20A (3P+N+E)
Plug Type	NEMA L21-20P 20A (3P+N+E)
PDU Plug Type	NEMA L21-20P
Input cord length (ft.)	10
Voltage compatibility (VAC)	3-Phase; 208
Phase	3-Phase
LEDS ALARMS & SWITCHES	
Switches	Pushbutton scroll switch enables local power consumption display of each phase or outlet separately, display rotate and display IP address functions
Front panel LEDs	2 digit current meter display reports output amps per phase and IP address self identification
PHYSICAL	
Shipping weight (lbs)	20.45
Shipping weight (kg)	9.3
Unit Dimensions (HWD/in)	70 x 2.19 x 3.26

Unit Dimensions (HWD/cm)	177.8 x 5.6 x 8.3
Shipping Dimensions (HWD/in)	75.4 x 6.6 x 9.3
Shipping Dimensions (HWD/cm)	191.5 x 16.8 x 23.6
Unit weight (lbs)	13.2
Unit weight (kg)	6
Material of construction	Steel
Style	Vertical rackmount
Form factors supported	Vertical rackmount installation supported with included mounting brackets; supports toolless mounting in button-mount compatible racks
PDU Form Factor	Vertical (0U)
ENVIRONMENTAL	
Relative Humidity	0-95% non-condensing
COMMUNICATIONS	
SNMP compatibility	Yes, pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, SSH and SNMP management systems
CERTIFICATIONS	
Certifications	Tested to UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant
WARRANTY	
Product Warranty Period (U.S., Canada & Puerto Rico)	2-year limited warranty

Related Items

Optional Products

Product Type	Related Model	Description	Qty.
Environmental Monitoring	ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	1
Power Cables	P005-002	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14)	1
Power Cables	P005-006	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14)	1
Power Cables	P005-010	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to IEC-320-C14)	1
Power Cables	P032-007	7-ft. 12AWG Heavy Duty Power cord (IEC-320- C13 to IEC-320-C20	1
Power Cables	P036-002	2-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C20)	1
Power Cables	P036-006	6-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C20)	1
Power Cables	P047-002	2-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C14)	1
Power Cables	P047-004	4-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C14)	1

Power Cables	P047-006	6-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C14)	1
Power Cables	P047-010	10-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to IEC-320-C14)	1
SNMP Accessories	SRSWITCH	Rack door sensor (max. 4); Requires ENVIROSENSE	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=4592.

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